

Program EVALPLOT  
(Version 2018-1)

by

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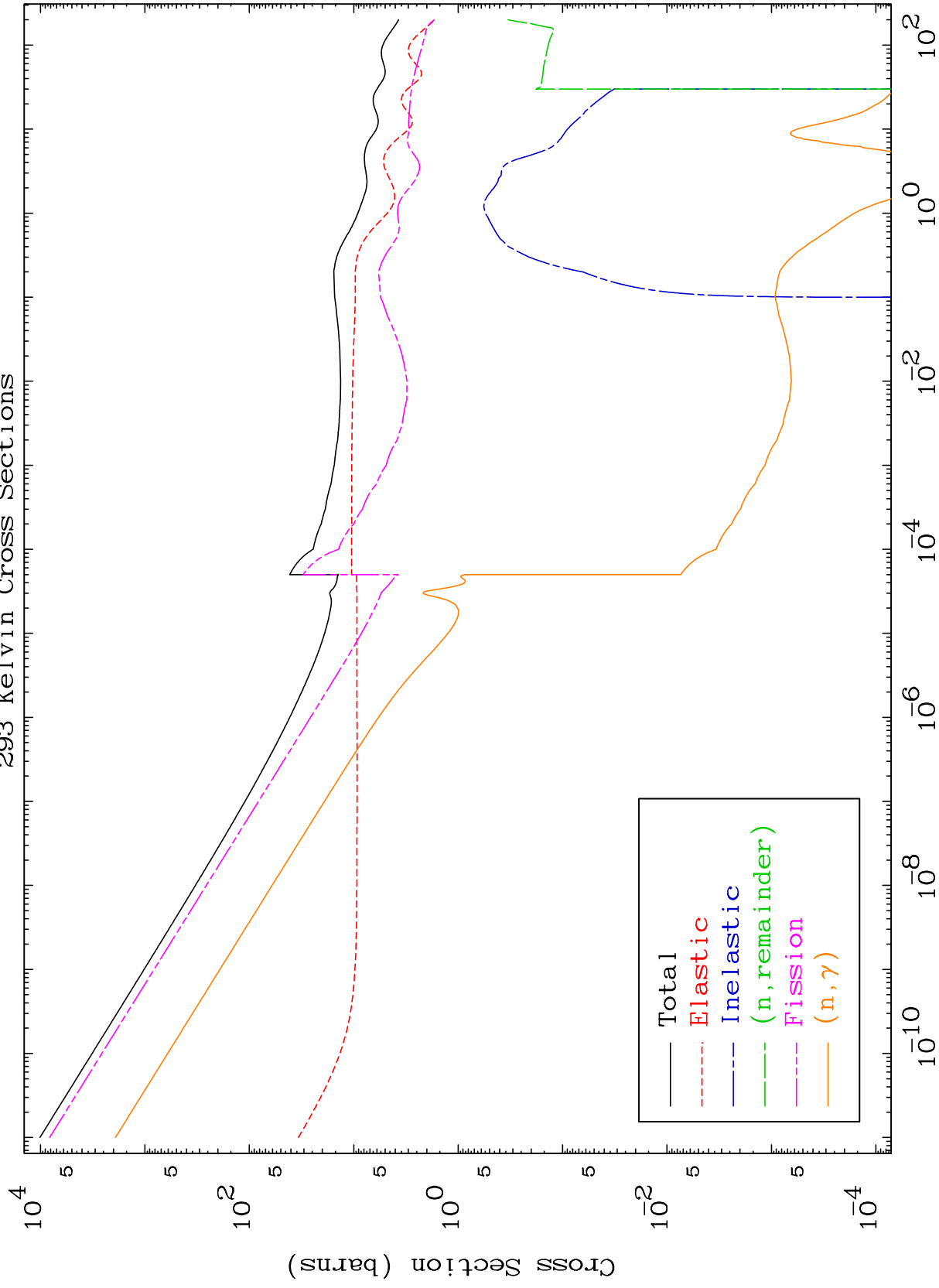
Press Mouse Button to Start

MAT 9963

Major

293 Kelvin Cross Sections

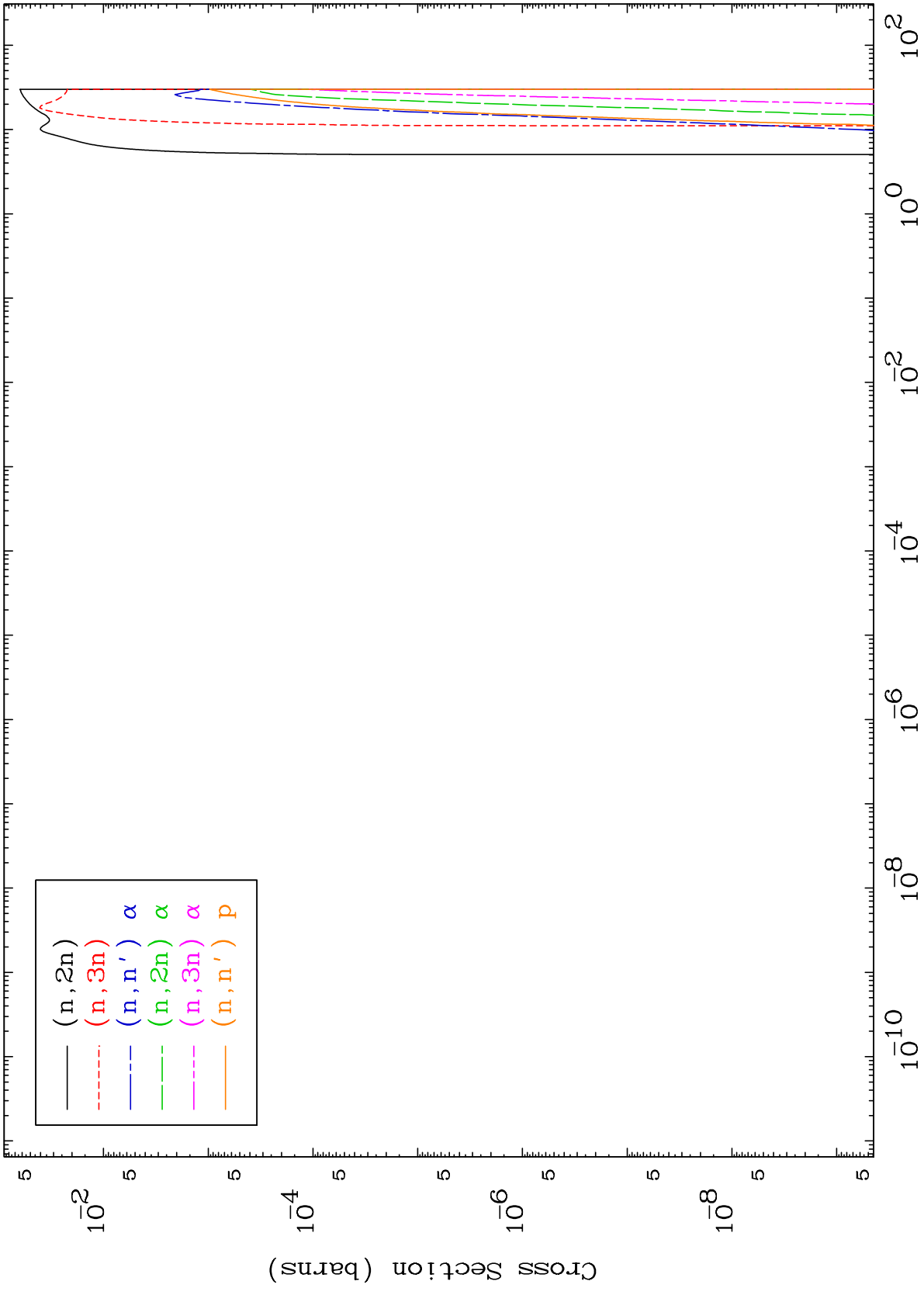
101-Md-262



MAT 9963

Neutron Production  
293 Kelvin Cross Sections

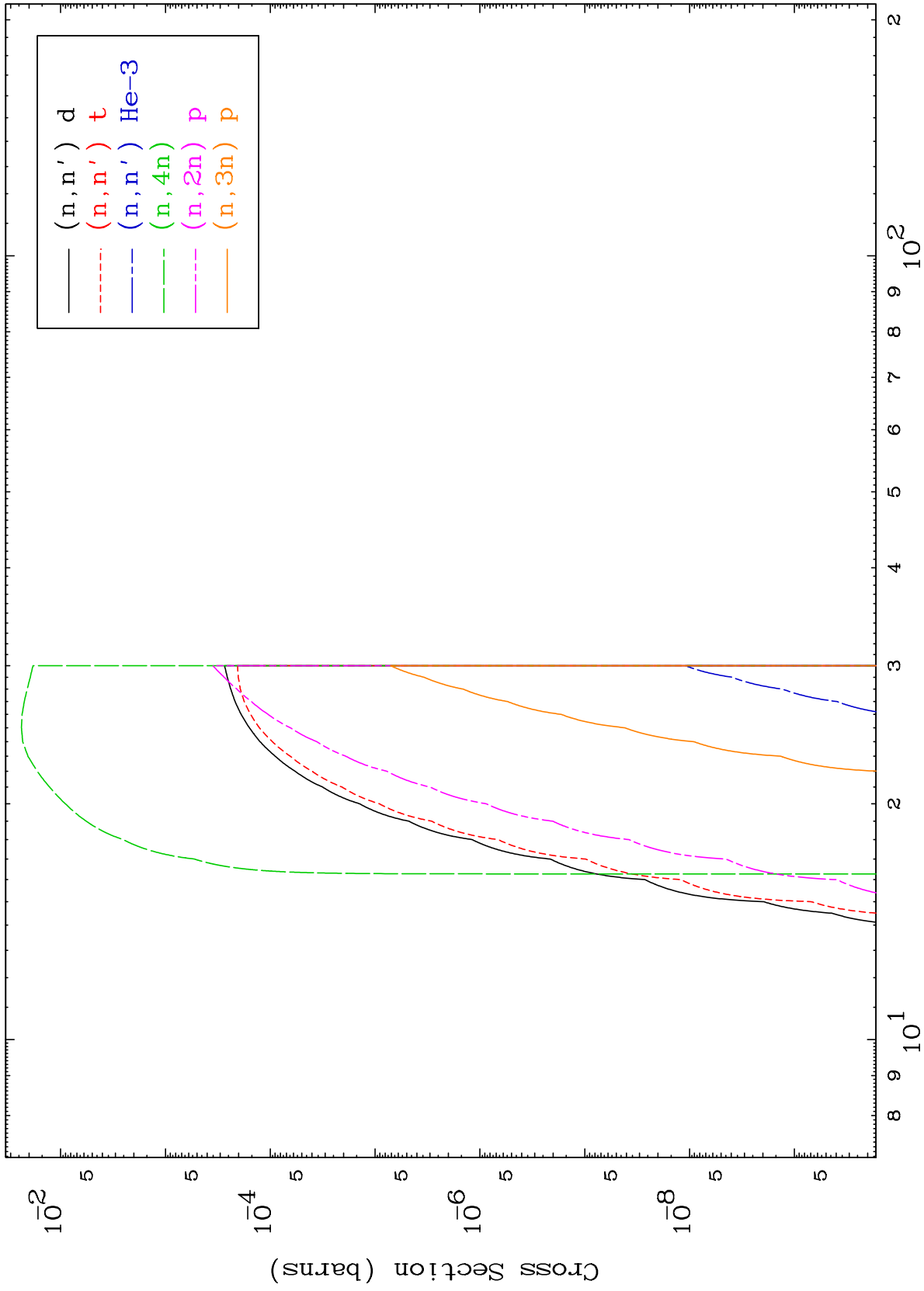
101-Md-262



MAT 9963

Neutron Production  
293 Kelvin Cross Sections

101-Md-262



3

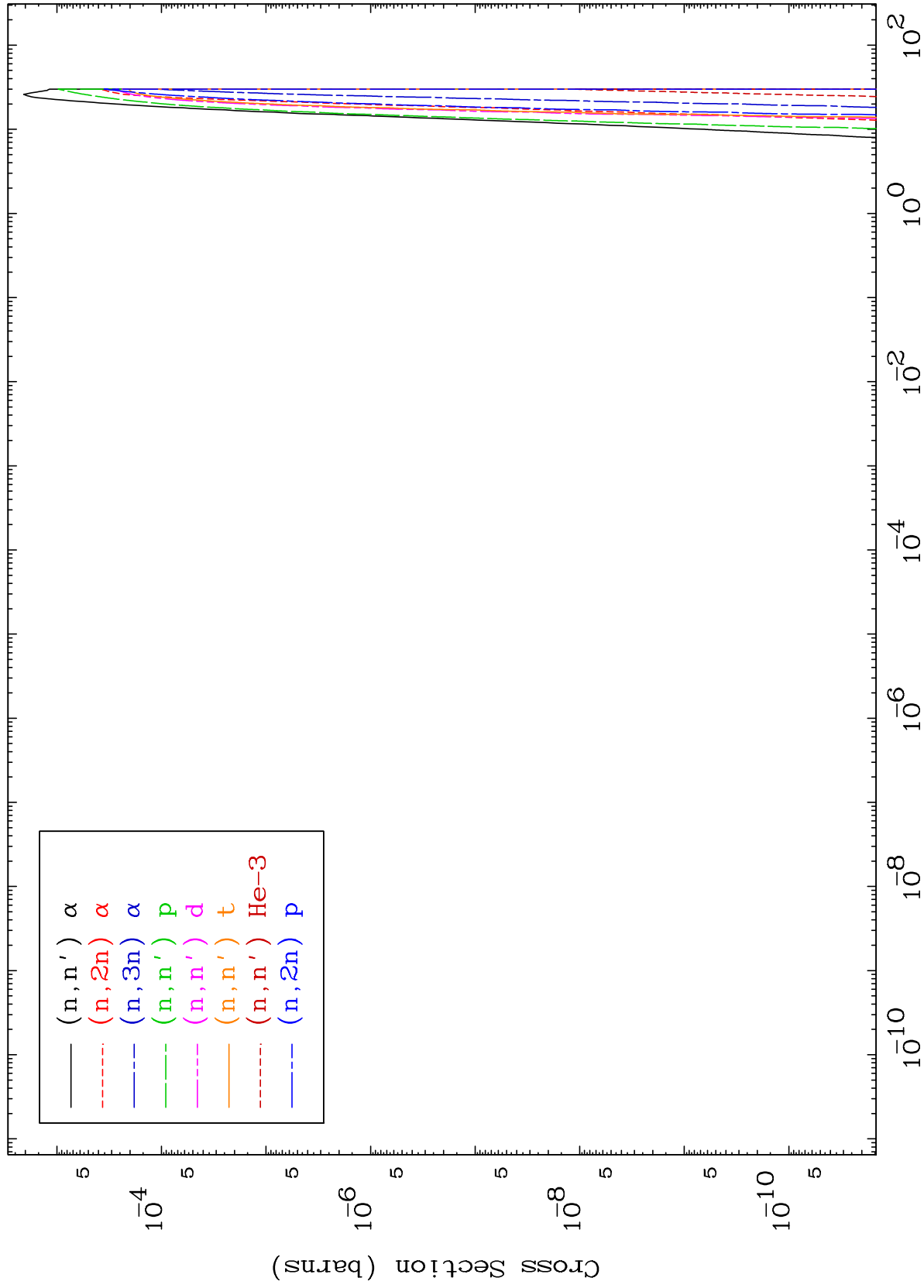
Incident Energy (MeV)

101-Md-262

MAT 9963

Charged Particle  
293 Kelvin Cross Sections

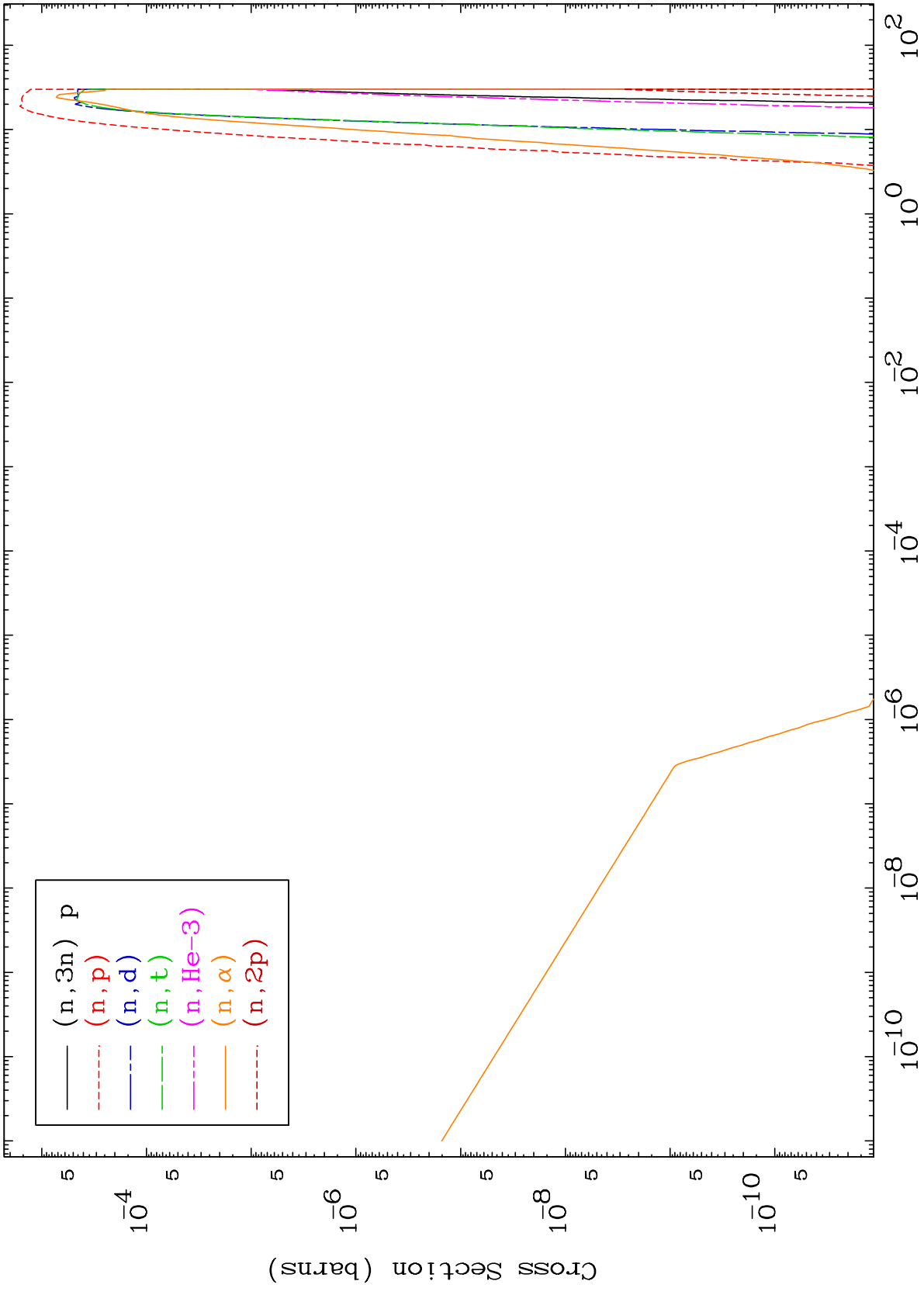
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293 Kelvin Cross Sections  
Charged Particle

101-Md-262



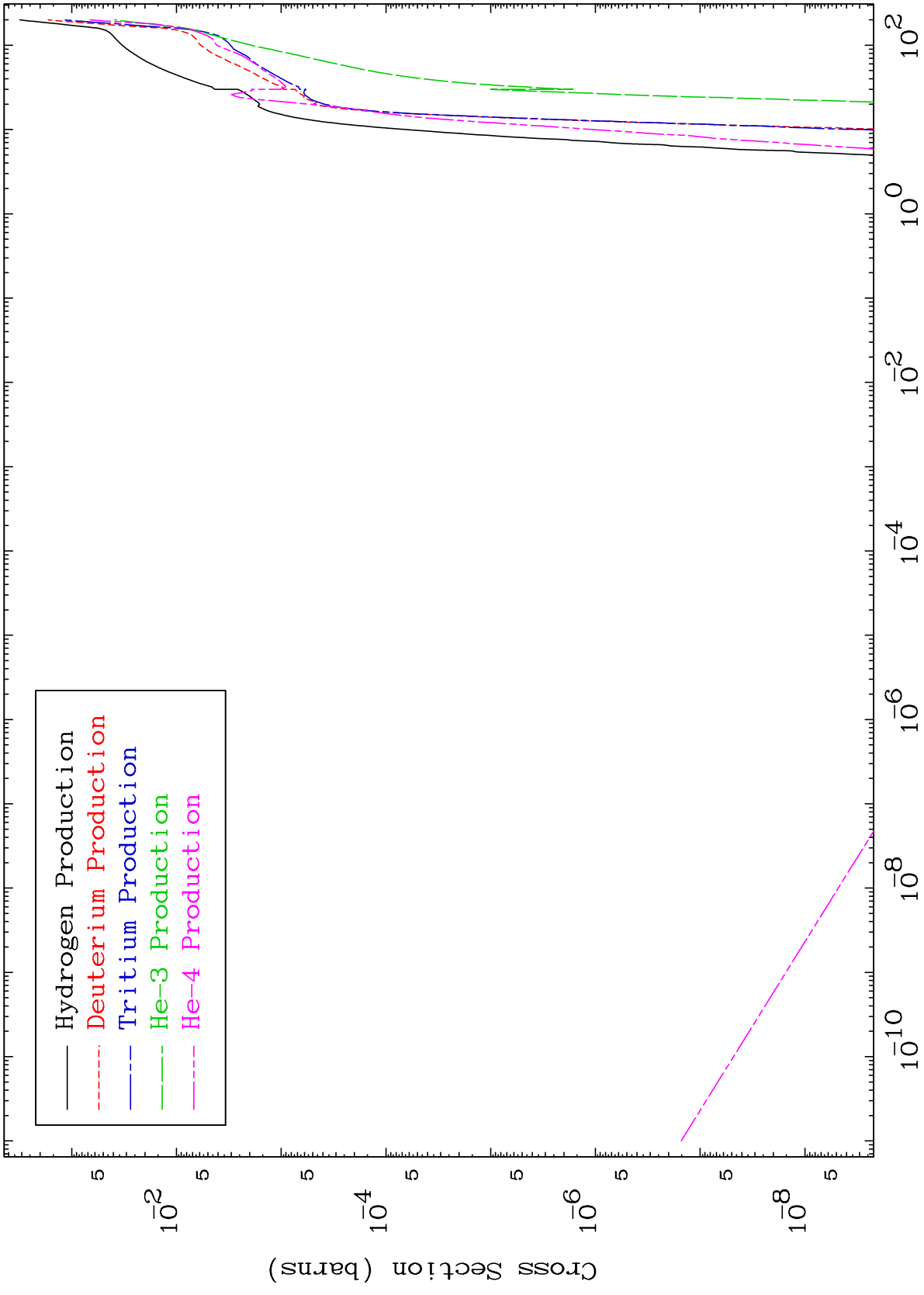
5

101-Md-262

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Particle Production  
293 Kelvin Cross Sections

101-Md-262

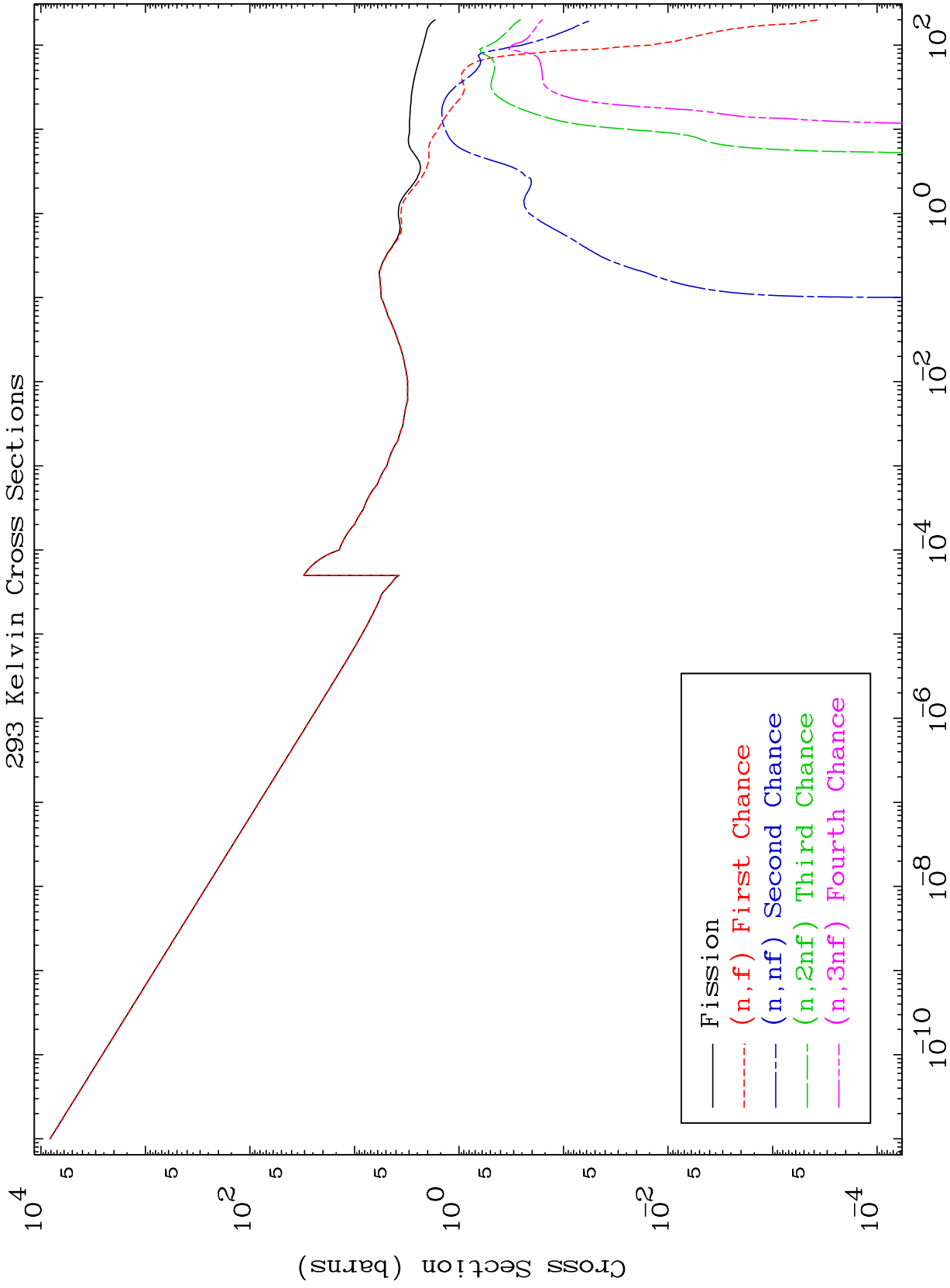


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Fission  
293 Kelvin Cross Sections

101-Md-262

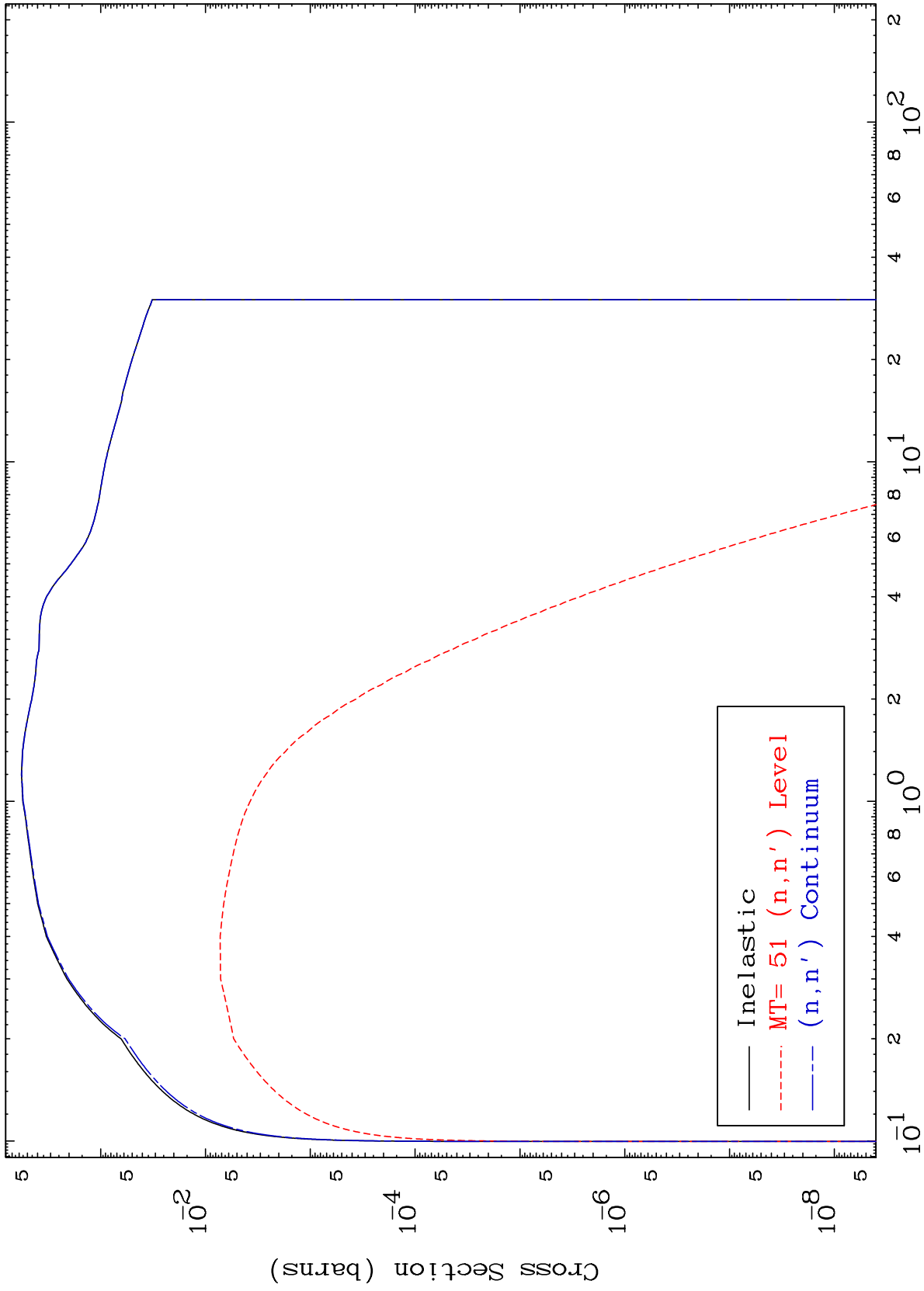




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(n,n') Level  
293 Kelvin Cross Sections

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8

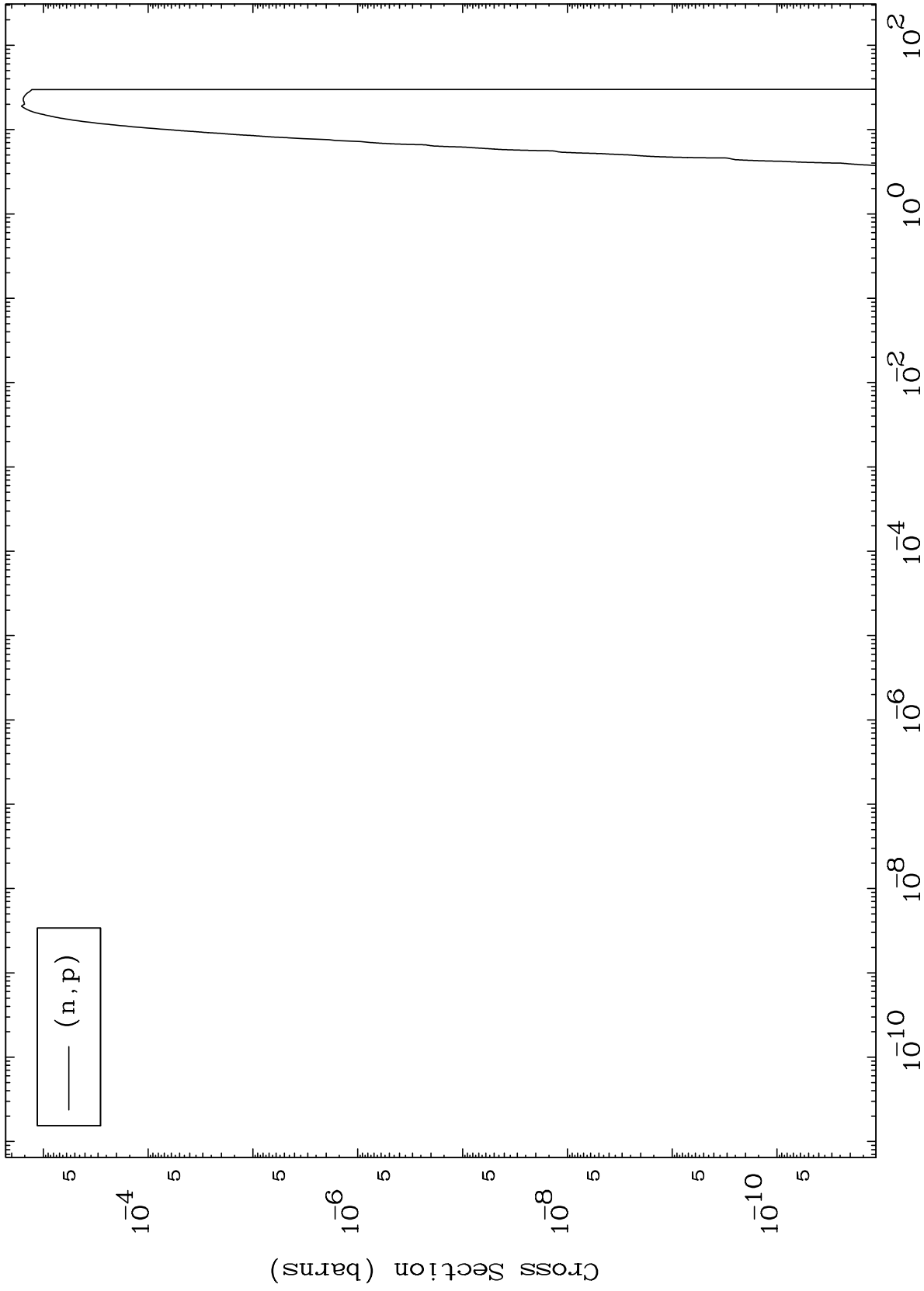
Incident Energy (MeV)

101-Md-262

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(n,p) Levels  
293 Kelvin Cross Sections

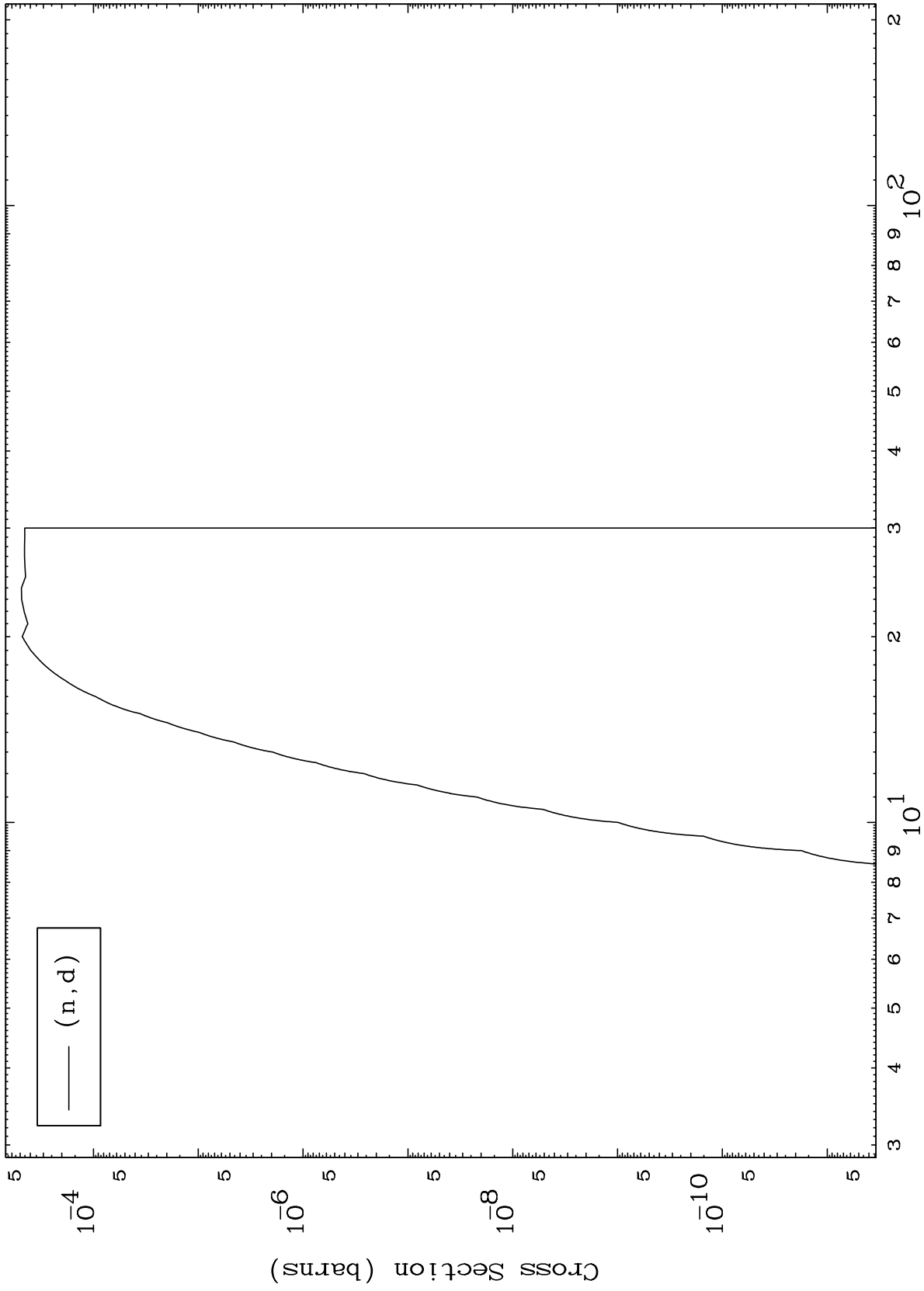
101-Md-262



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(n,d) Levels  
293 Kelvin Cross Sections

101-Md-262



10

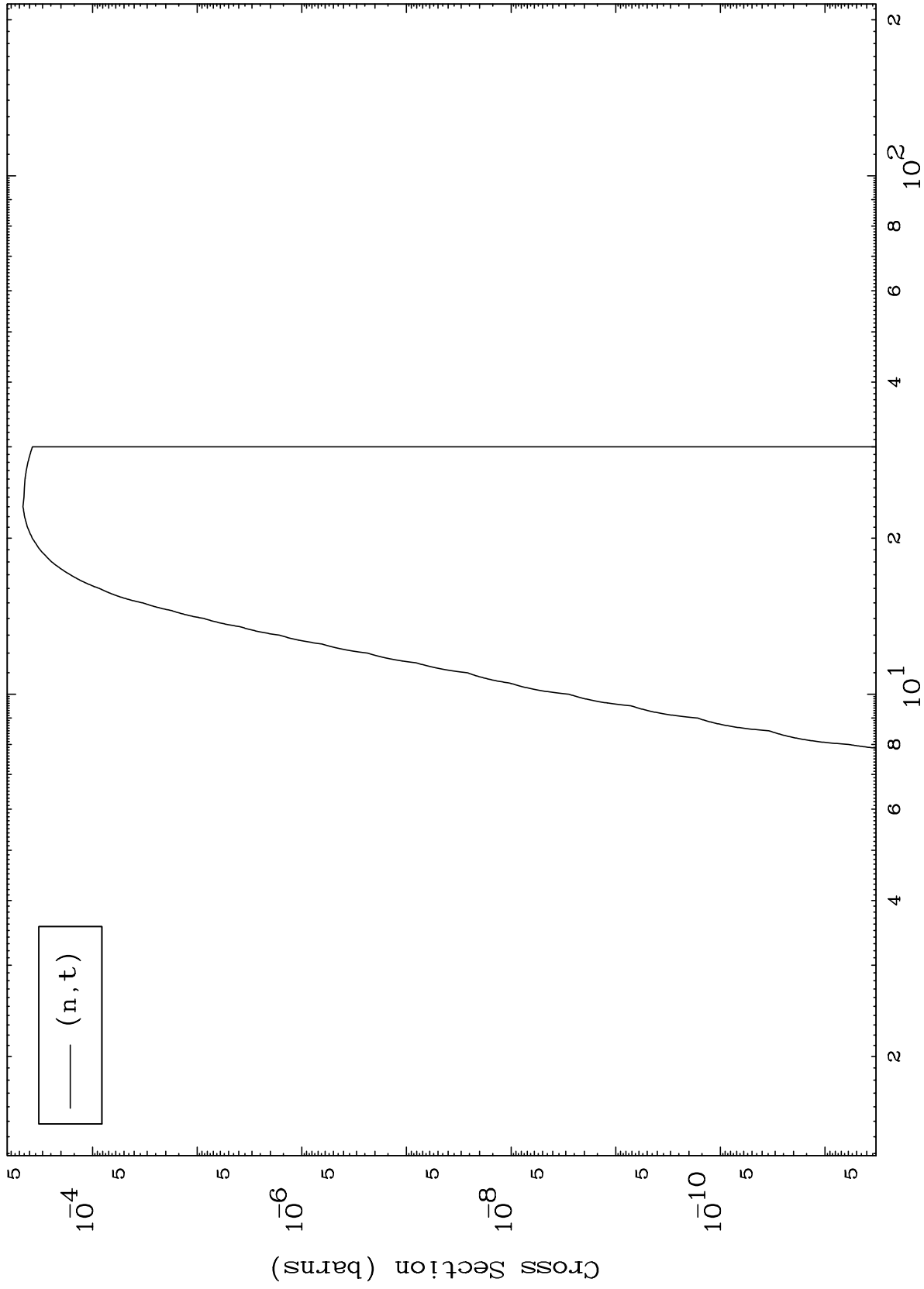
Incident Energy (MeV)

101-Md-262

MAT 9963

(n,t) Levels  
293 Kelvin Cross Sections

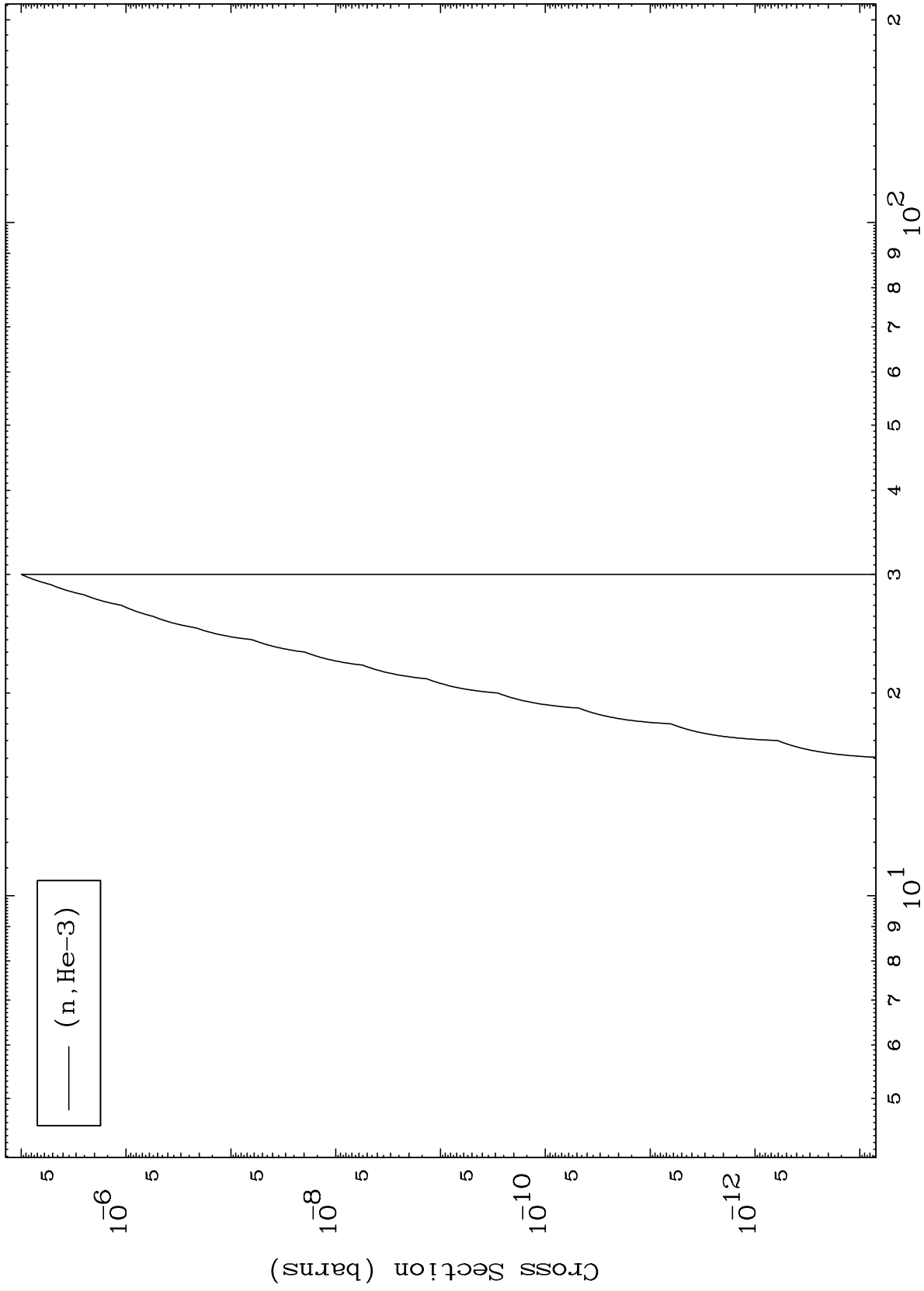
101-Md-262



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(n,He3) Levels  
293 Kelvin Cross Sections

101-Md-262



12

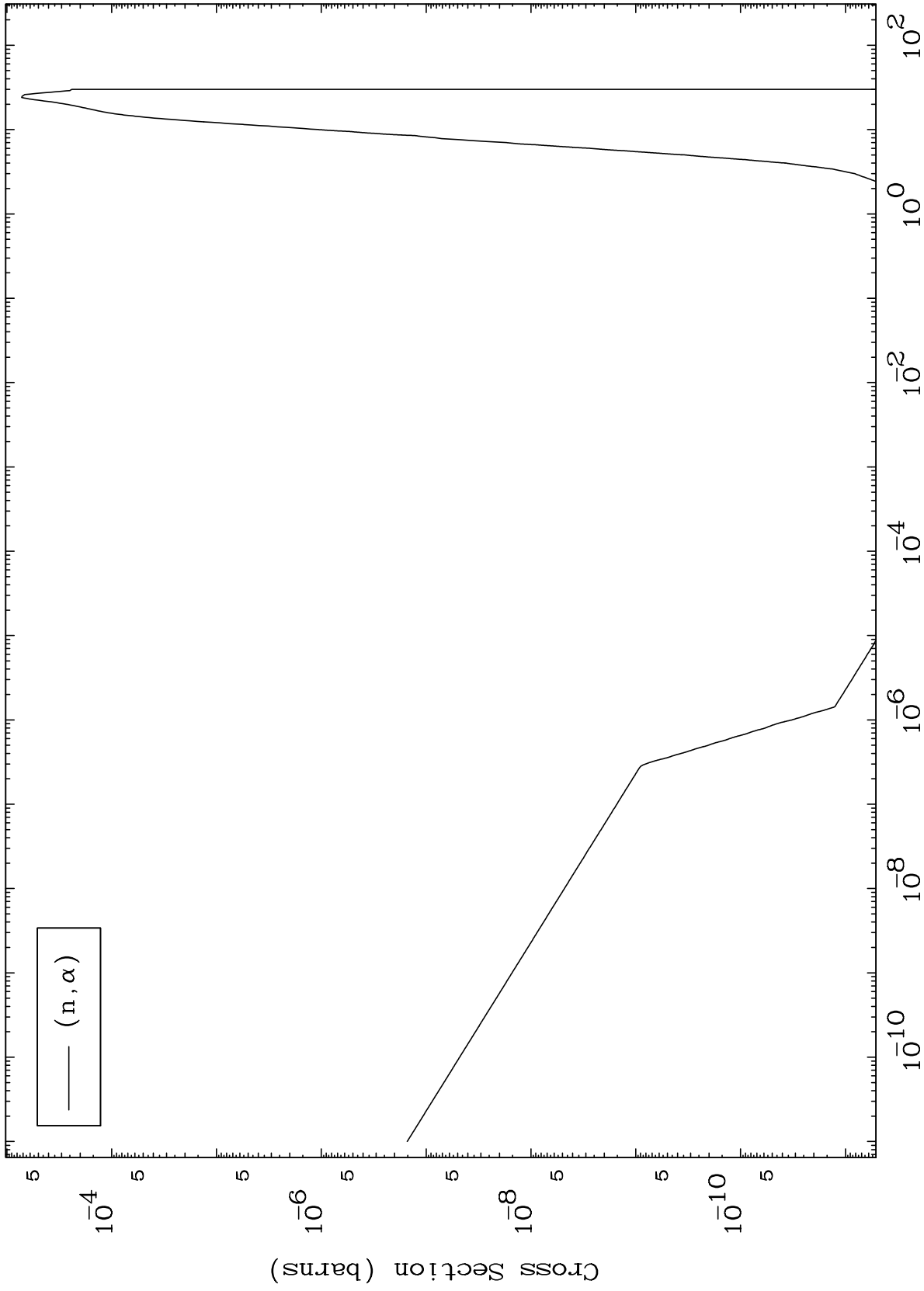
Incident Energy (MeV)

101-Md-262

MAT 9963

(n,α) Levels  
293 Kelvin Cross Sections

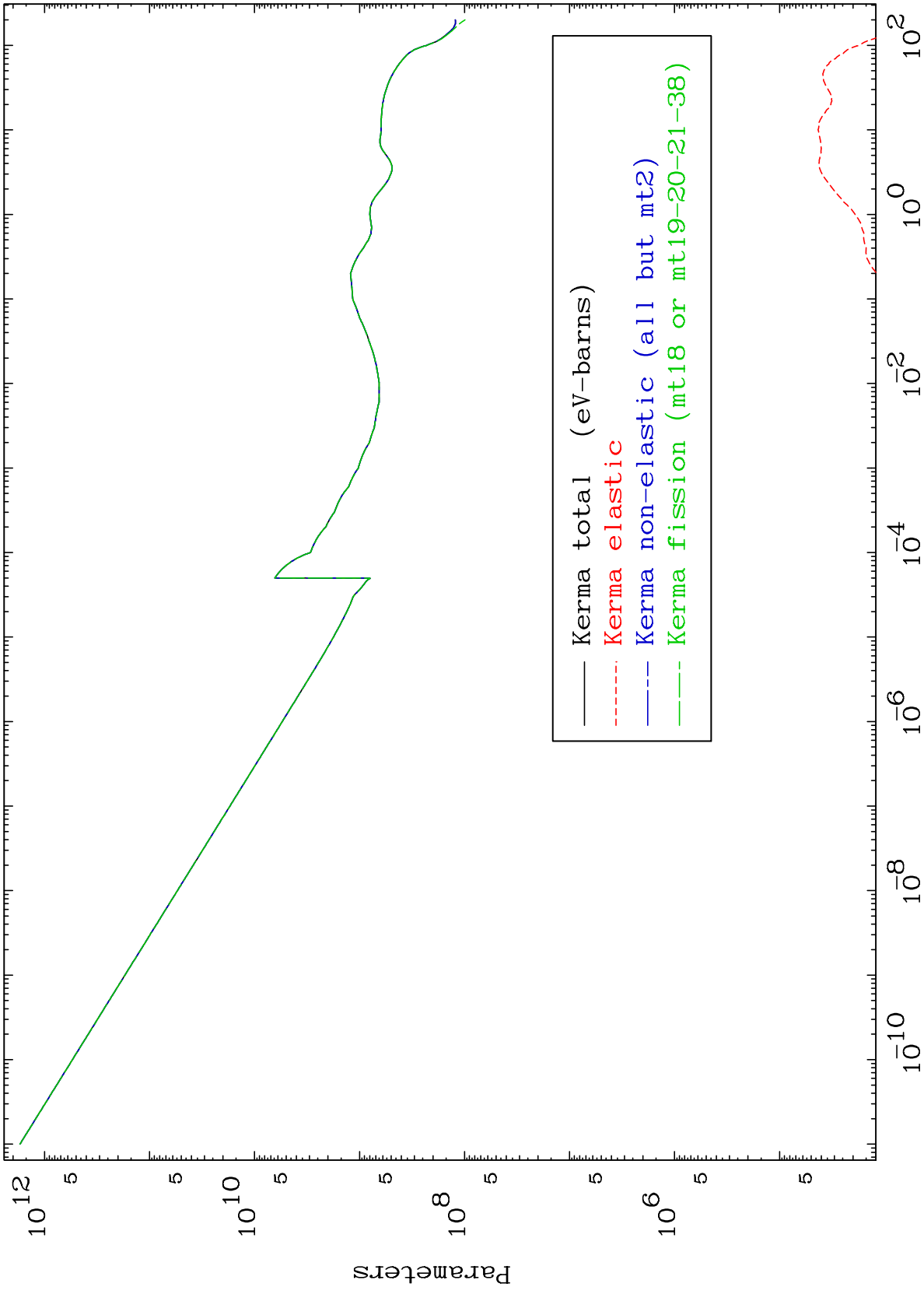
101-Md-262



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Energy Release  
Parameters

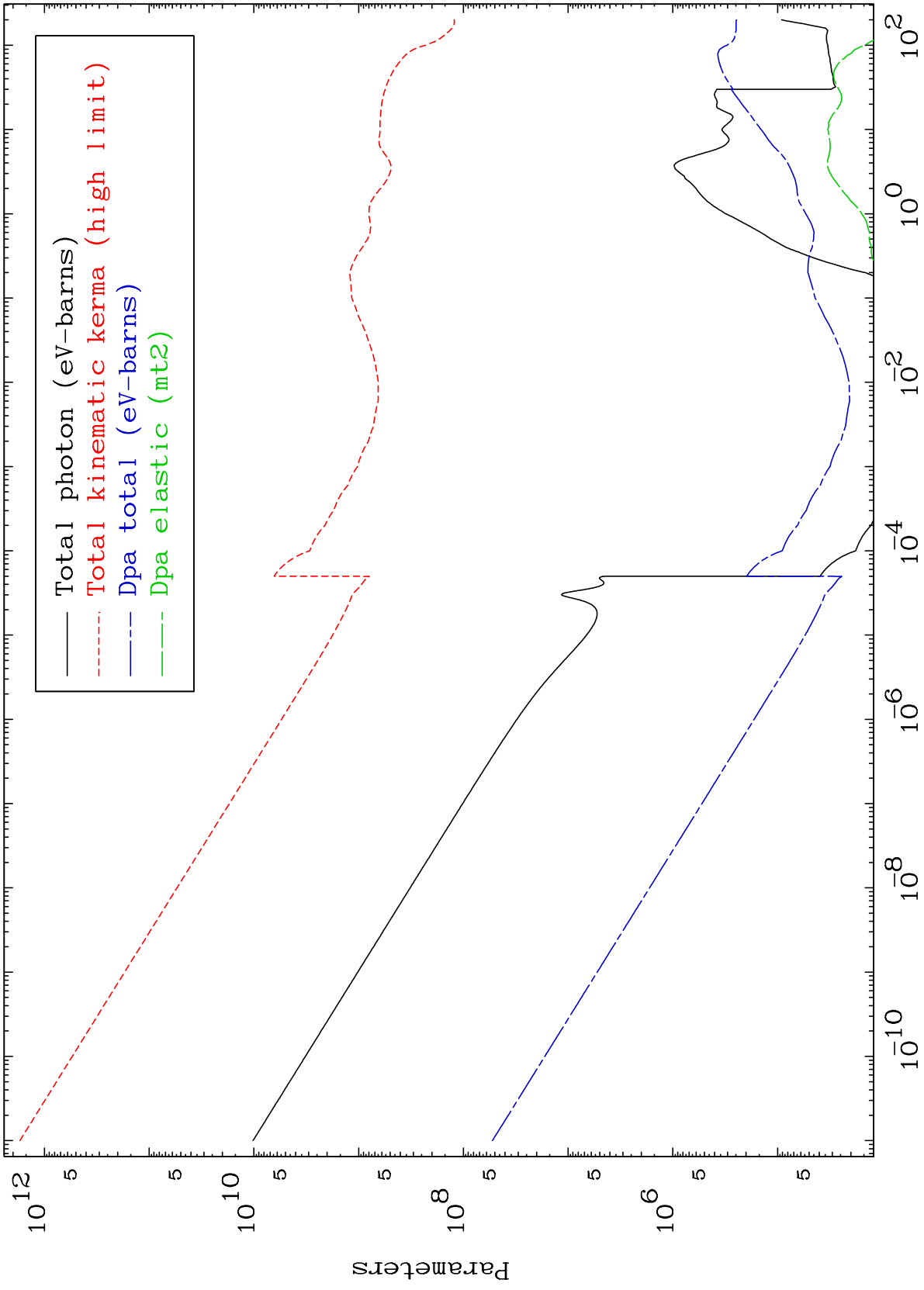
101-Md-262



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Energy Release  
Parameters

101-Md-262



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Incident Energy (MeV)

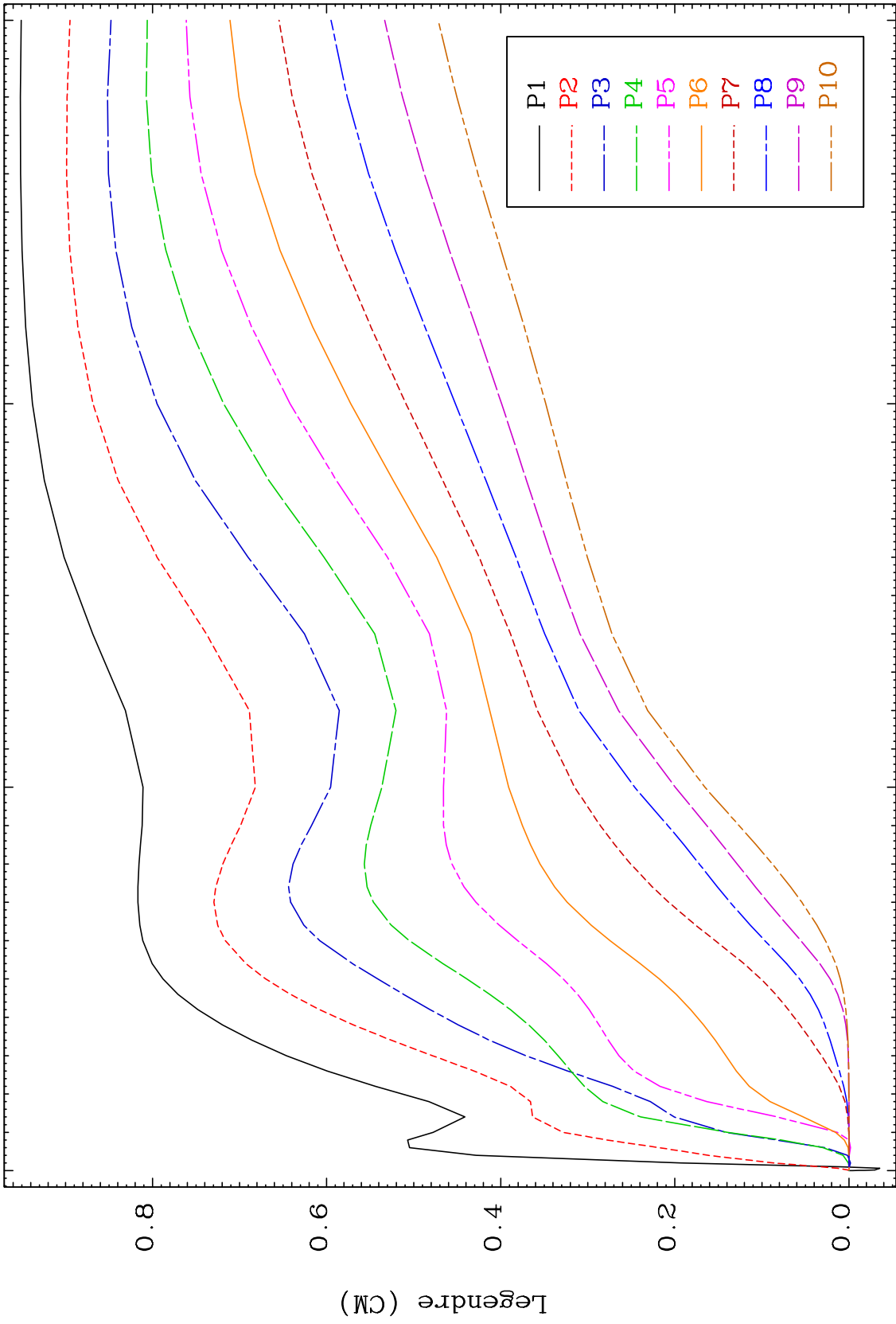
101-Md-262



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Elastic Legendre Coefficients

101-Md-262



16

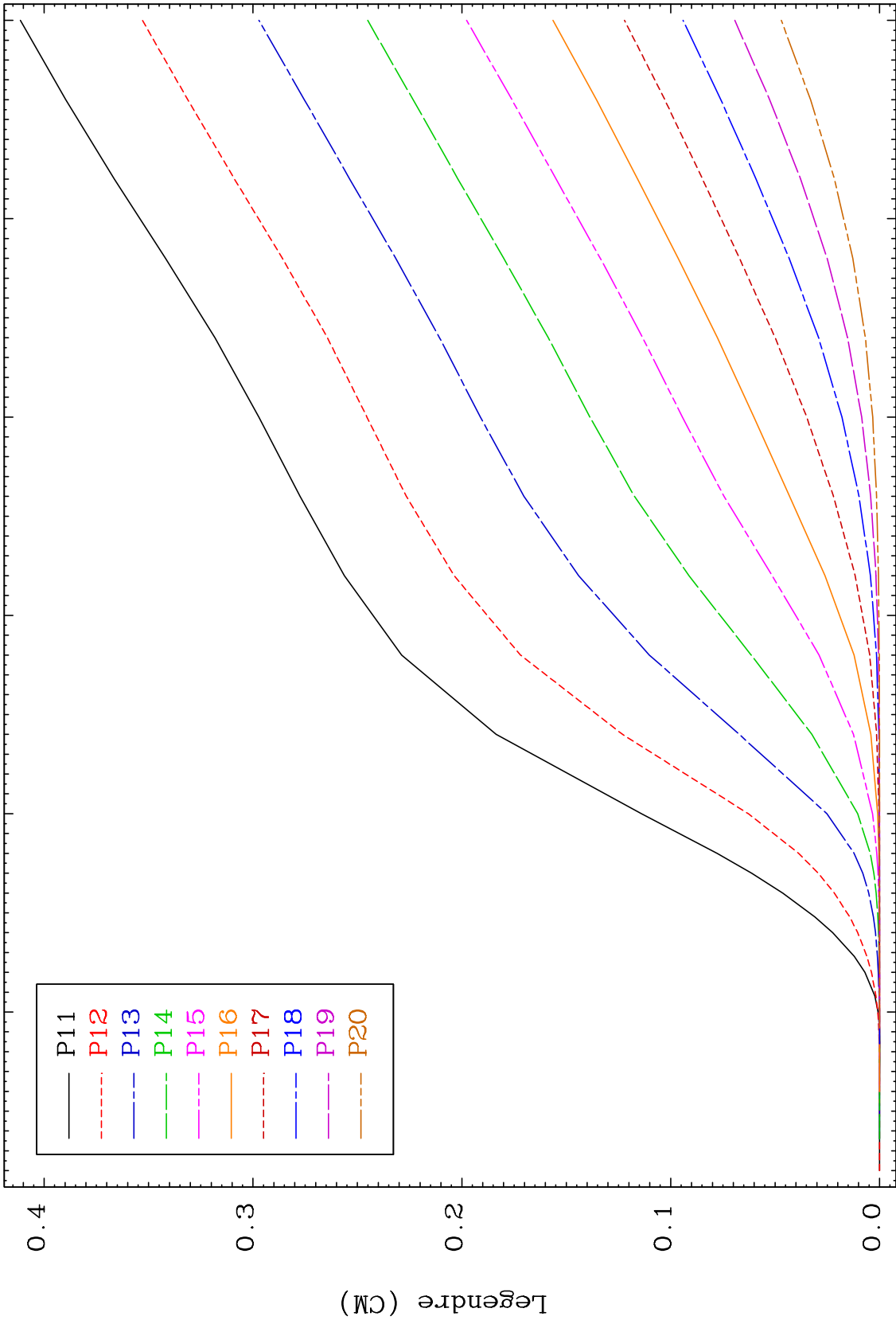
Incident Energy (MeV)

101-Md-262

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Elastic Legendre Coefficients

101-Md-262



17

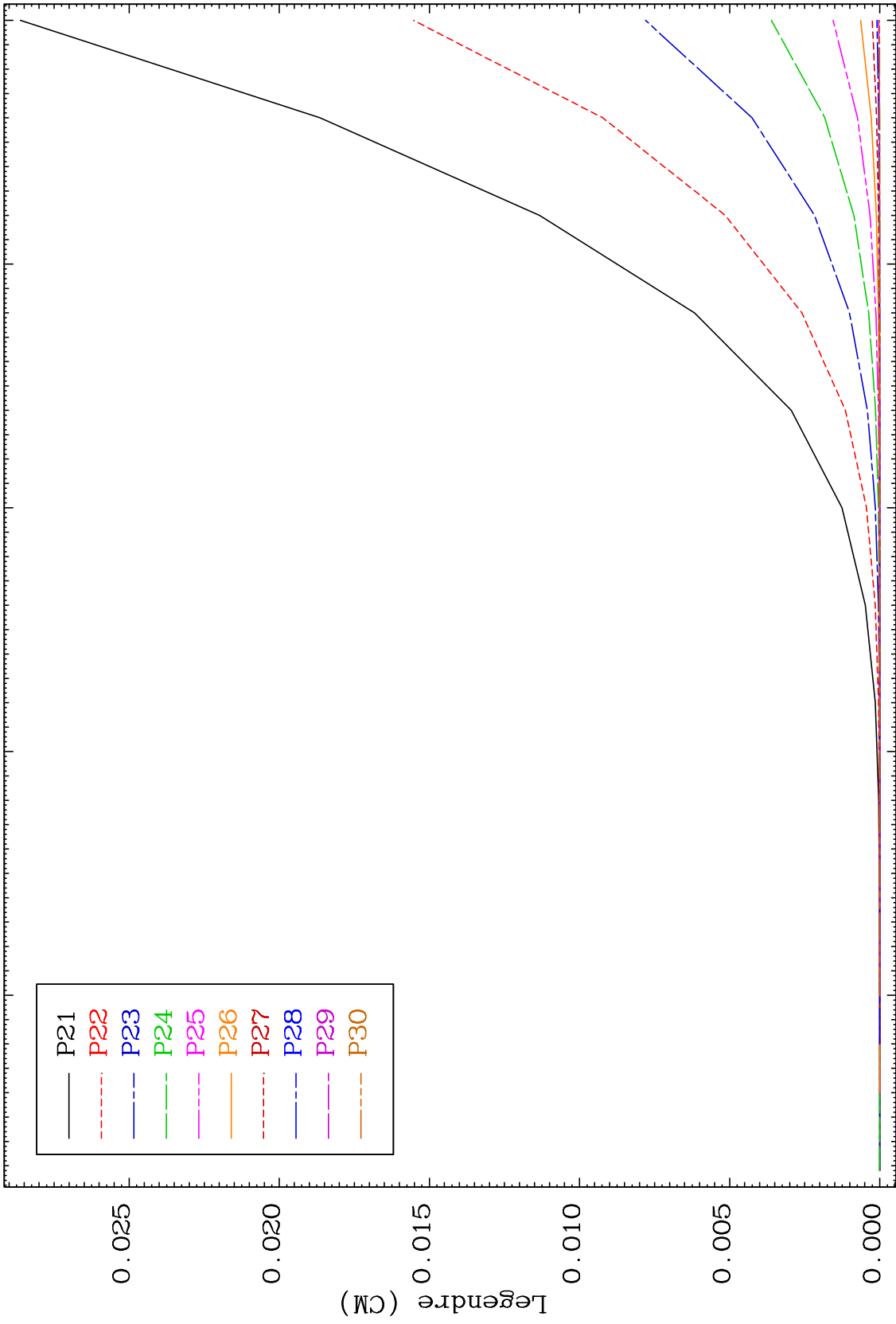
Incident Energy (MeV)

101-Md-262

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### Elastic Legendre Coefficients

101-Md-262



18

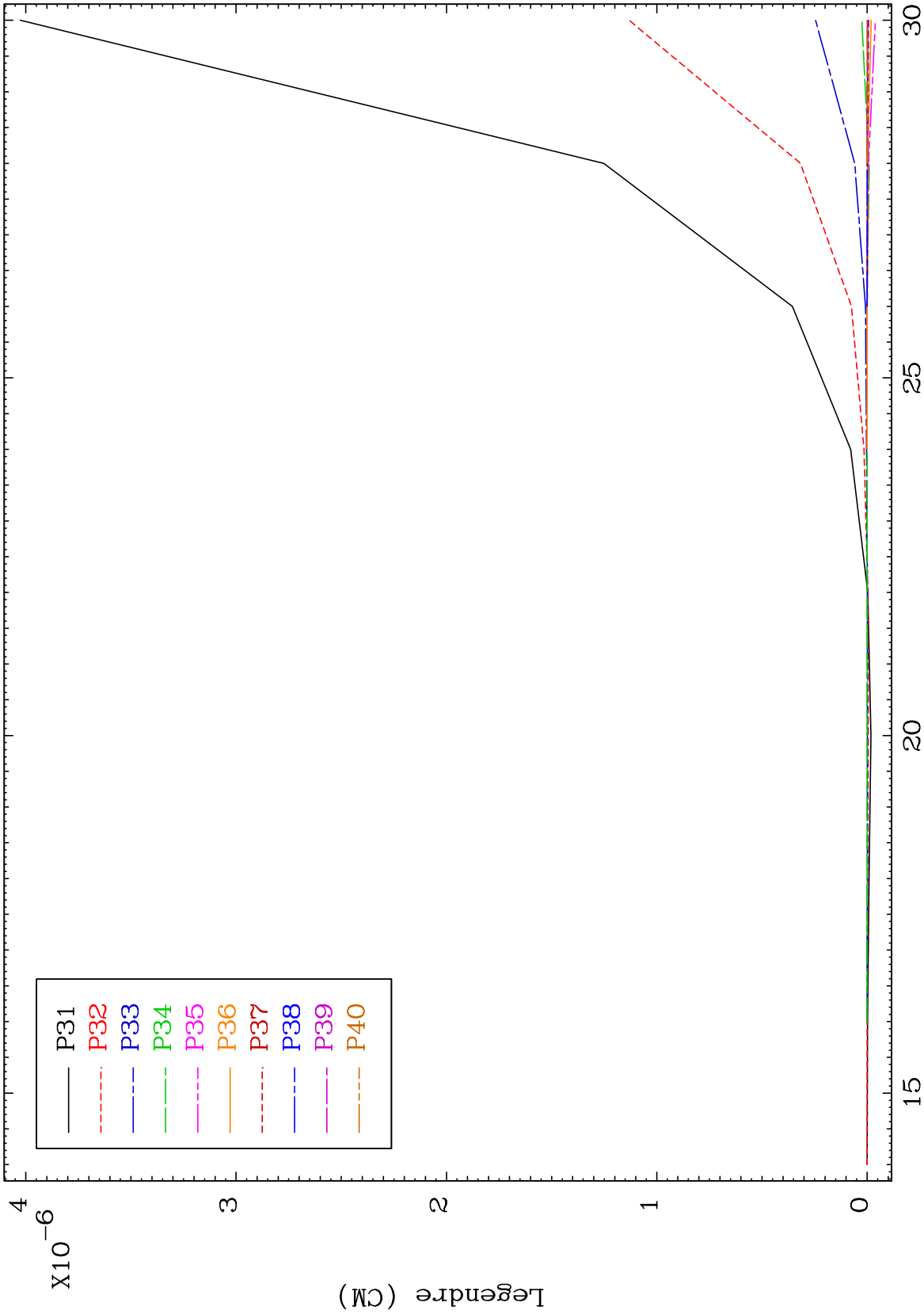
Incident Energy (MeV)

101-Md-262

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Elastic Legendre Coefficients

101-Md-262



19

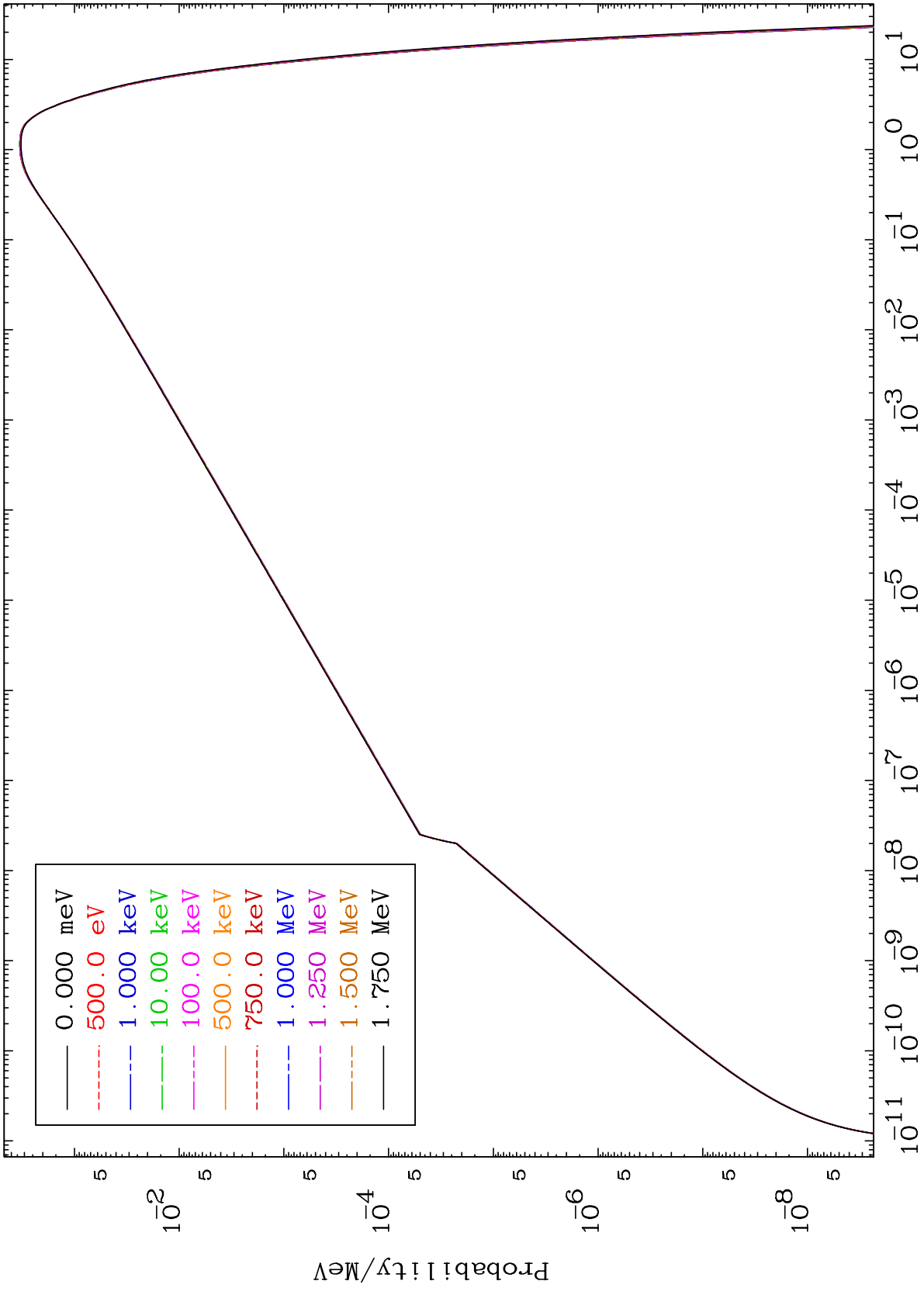
Incident Energy (MeV)

101-Md-262

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### Fission Energy Distribution

101-Md-262



- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

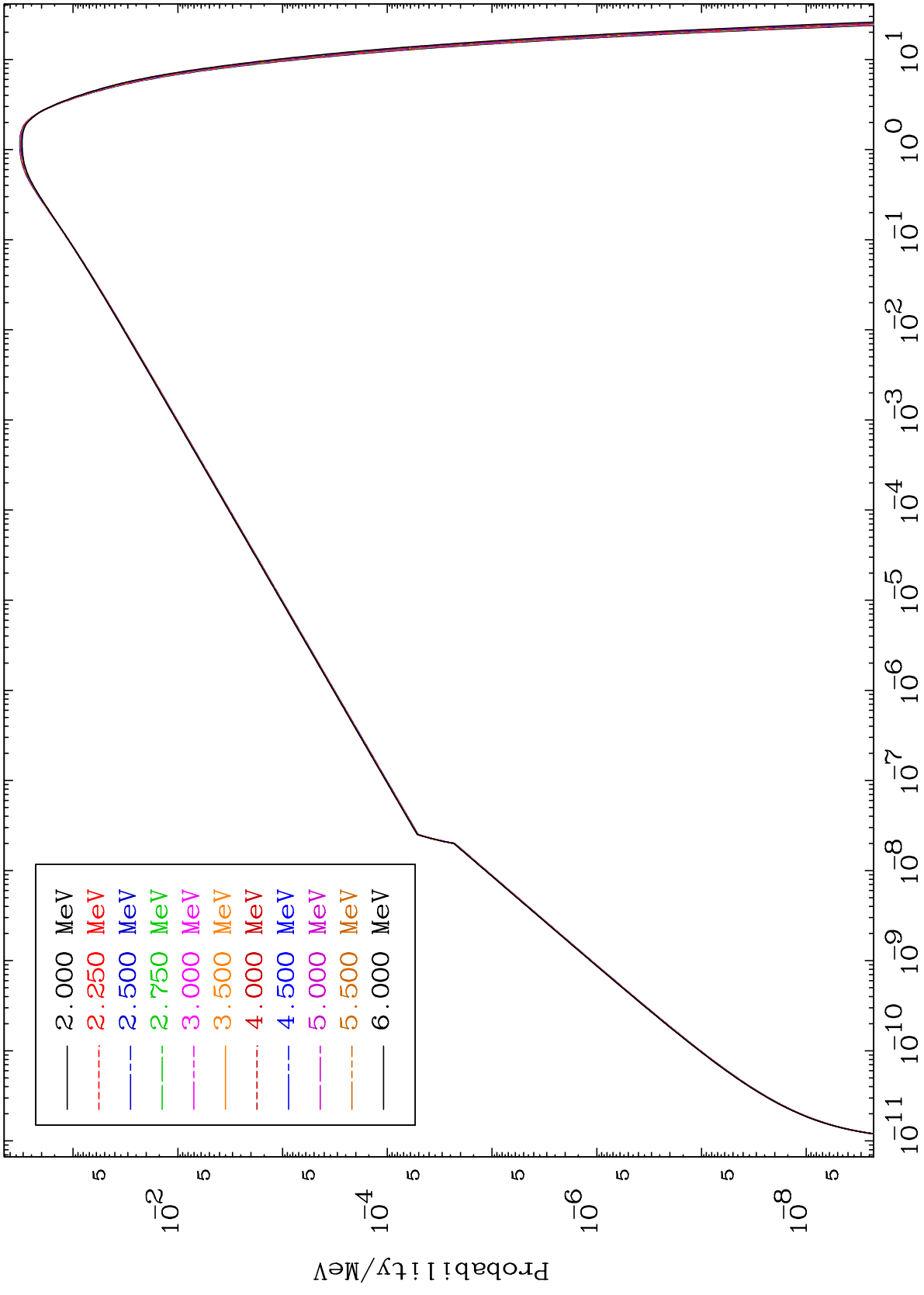
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Secondary Energy (MeV)

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### Fission Energy Distribution

101-Md-262

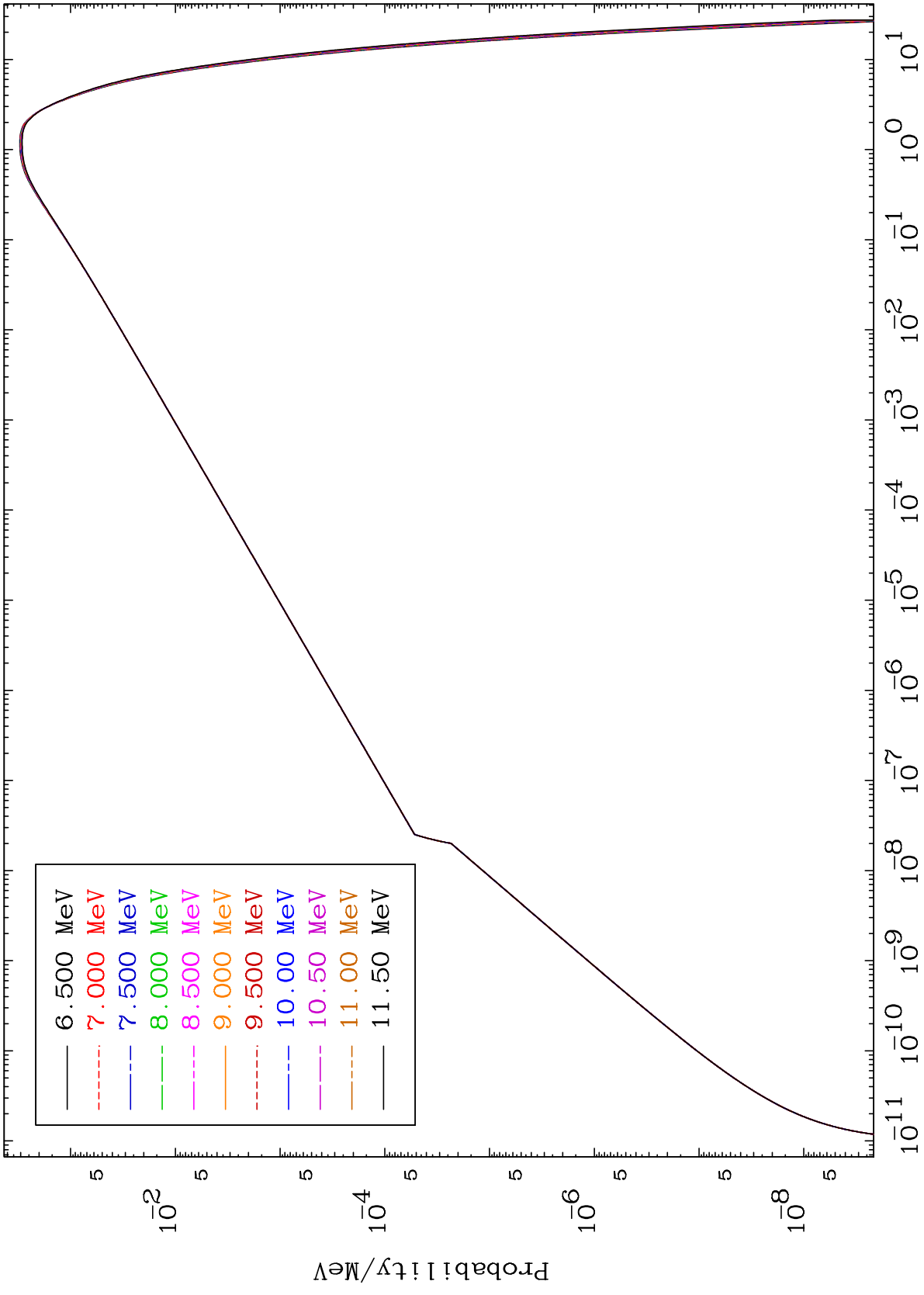


101-Md-262

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# Fission Energy Distribution

101-Md-262



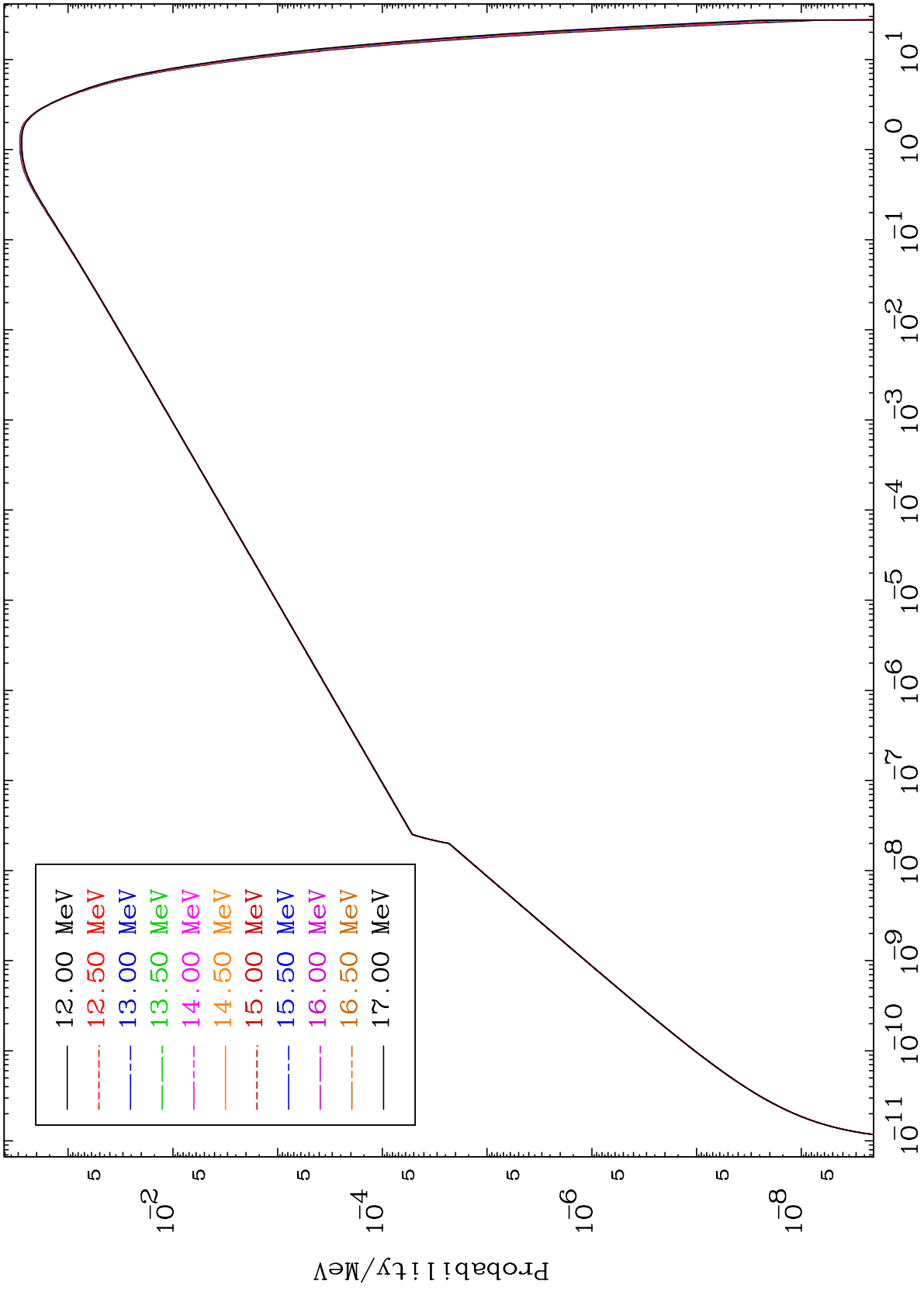
101-Md-262

Secondary Energy (MeV)

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### Fission Energy Distribution

101-Md-262



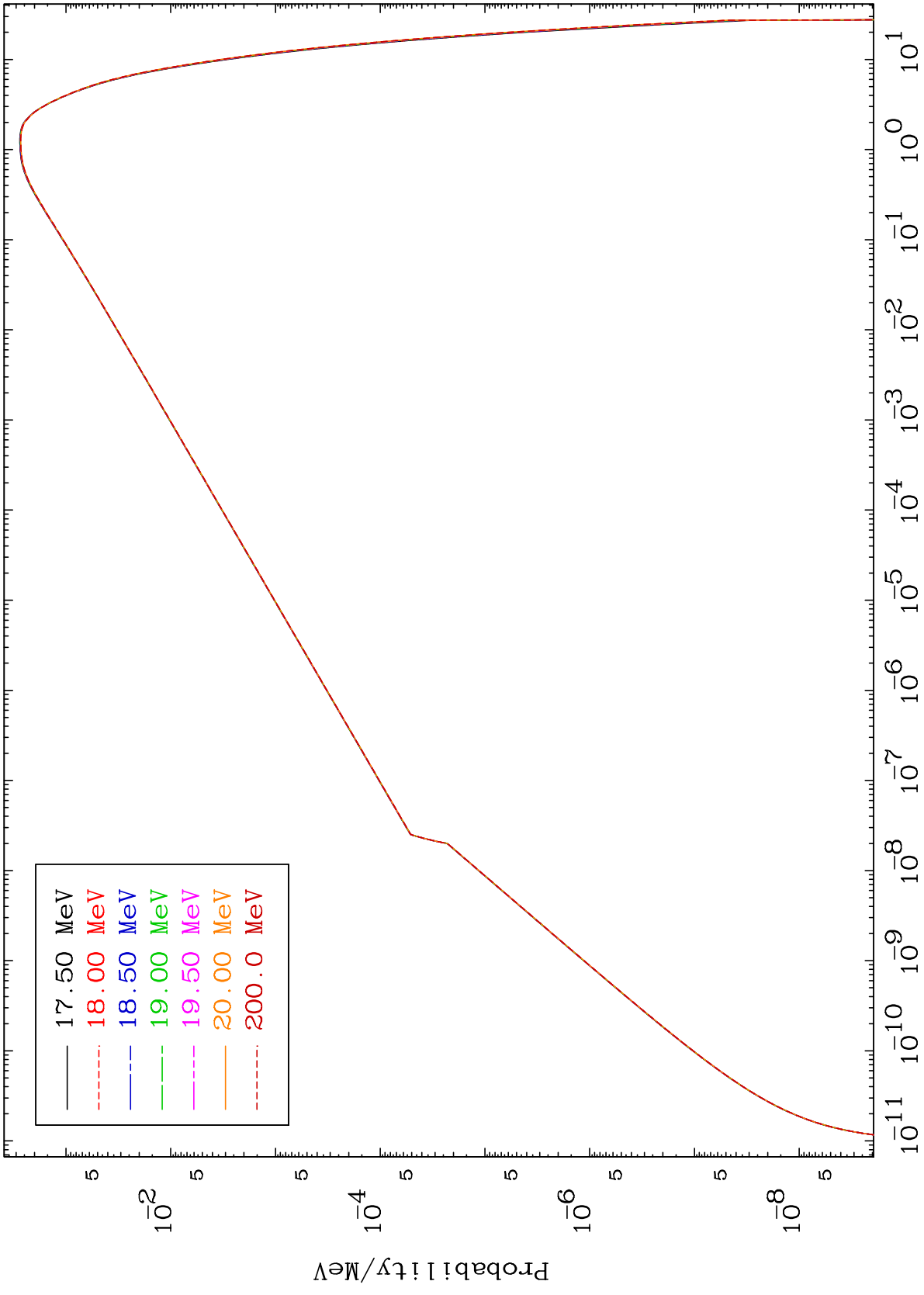
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### Fission Energy Distribution

101-Md-262



|         |       |     |
|---------|-------|-----|
| —       | 17.50 | MeV |
| - - -   | 18.00 | MeV |
| - · - · | 18.50 | MeV |
| - - -   | 19.00 | MeV |
| - · - · | 19.50 | MeV |
| - - -   | 20.00 | MeV |
| - - -   | 200.0 | MeV |

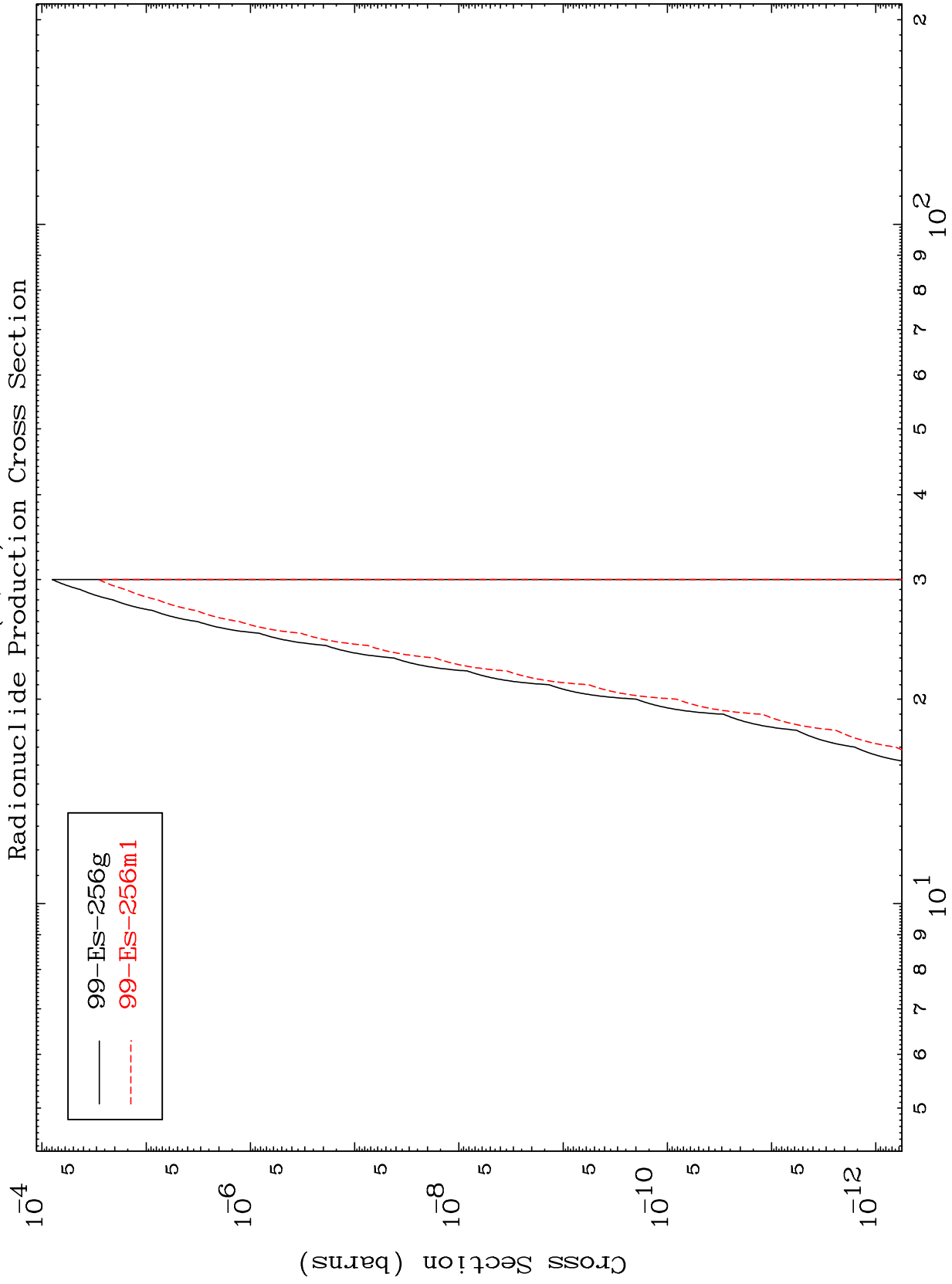
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$(n, 3n) \alpha$

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Radionuclide Production Cross Section



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Incident Energy (MeV)

101-Md-262